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FOREIGN CROPS AND MARKETS

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Feature of Issue: TRADE IN AGRICULTURAL PRODUCTS BETWEEN THE UNITED STATES AND ALASKA, HAWAII AND PORTO RICO, 1928-1929

COTTON PRODUCTION IN CHINA

Cotton production in China will probably be about the same as last year according to a cable received from Agricultural Commissioner Nyhus at Shanghai. In the Shanghai and Hankow provinces, which are the two most important cotton-growing regions, the production is similar to last year's harvest.

In the Tungchow district a larger acreage than usual was planted to cotton this year but the yields are enough smaller than last season to make a total harvest about equal to that of last year.

CURRENT MARKET CONDITIONS

In the British pork market, prices of American short cut green hams and prime steam western lard at Liverpool declined still further during the week ending October 16 according to cabled advices from Agricultural Commissioner Foley at London. Hams were 52 cents and lard 22 cents per 100 pounds below the preceding week and also considerably lower than a year ago. Danish wiltshire sides continued the upward tendency of the last few weeks and at \$24.55 were \$2.83 per 100 pounds above a year ago. No change occurred in American green bellies.

Hogs in the Berlin market for the week ending October 16 averaged 6 cents higher per 100 pounds than for the preceding week and \$2.16 more than a year ago according to Acting Agricultural Commissioner Dawson at Berlin. Lard prices dropped 41 cents per 100 pounds and at \$13.29 were lower than for any week this year and \$1.59 below the corresponding week of 1928. Hog receipts at 14 markets continued to show a seasonal increase although below receipts a year ago. See page 669.

Reduced Australian wool offerings help Bradford market. The Bradford market for wool tops and yarns has strengthened and prices are unchanged according to a cable from Consul Thomson at Bradford. The improvement at Bradford has resulted from the one-third reduction in Australian offerings. No increase has been reported in new business for fine tops, although demand for medium and crossbreds continues steady. Machinery activity is unchanged and the wage dispute has not been settled.

C R O P A N D M A R K E T P R O S P E C T S

BREAD GRAINSWheat production in 1929

The 1929 wheat production in 31 countries has been reported at 2,893,017,000 bushels against 3,265,026,000 bushels in the same countries in 1928 when they represented nearly 85 per cent of the estimated world total production exclusive of Russia and China. The production in Sweden is 18,739,000 bushels according to the first estimate as received from the International Institute of Agriculture. This estimate is 2 per cent below the 1928 production of 19,135,000 bushels but is 18 per cent above the 1927 production. The estimate of the production in Spain has been increased from 139,808,000 bushels to 141,461,000 bushels. The estimate of the Rumanian production has also been revised upward and is now placed at 92,113,000 bushels but is still over 20,000,000 bushels below last year's good crop. The total production in 21 European countries now stands at 1,362,608,000 bushels, a decrease of 1.3 per cent from the 1,381,154,000 bushels produced in those countries in 1928. Production in the three North African countries now totals 60,199,000 bushels, or 10.4 per cent below 1928. The estimate of production in Morocco has been revised downward to 28,049,000 bushels. See tables, pages 658 and 659 for the latest revisions in the estimates of acreage and production of wheat.

Australian and Argentine wheat acreage 1929

The 1929-30 wheat acreage in Australia is estimated at 14,500,000 acres according to a cable from the International Institute of Agriculture. The present area compares with 14,584,000 acres in 1928, 12,279,000 acres in 1927 and 11,688,000 acres in 1926. The rainfall during September was deficient in Western Australia but useful rains were recorded in New South Wales, Victoria and South Australia. Prospects for the 1929-30 harvest are below average according to the Institute. The estimate of the 1929-30 wheat acreage in Argentine has been increased to 19,478,000 acres according to trade reports as compared to an earlier estimate of 19,027,000 acres and the final estimate of 20,900,000 acres in 1928-29.

Foreign crop conditionsEurope

Some rain fell in central and northern Europe during the week ended October 17 but in the Balkans, southern France and Italy the weather was clear according to a cable from Acting Agricultural Commissioner C. L. Dawson at Berlin. Heavy rains were reported over the Upper and Middle Volga regions of Russia. Light rains were general over the remaining regions of European Russia.

CROP AND MARKET PROSPECTS, CONT'D

Southern Hemisphere

In Argentina about average temperatures were general during the week ended October 14 according to reports received by the United States Weather Bureau. The temperature in the corn and northern wheat zone averaged 64°, or 2° below normal and in the southern wheat districts 57° or 1° below normal. There was a total rain fall of 0.2 inch in the north and 0.6 inch in the south. In Australia light to moderate rains improved the outlook in south and west Australia. Widespread beneficial rains were reported in the eastern States.

Movement to marketUnited States

The exports of wheat and flour from the United States from July 1 to October 1, 1929 were 51,591,000 bushels against 55,776,000 bushels during the same period last year. Exports during the week ended October 12 were 2,797,000 bushels against 2,793,000 bushels during the week ended October 5 and 4,689,000 bushels during the week ended October 13, 1928.

Canada

Stocks of wheat in the Western Grain Division of Canada on October 11 stood at 132,373,000 bushels against 125,690,000 bushels on October 4 and 112,321,000 bushels on October 12, 1928. Receipts at Fort William - Port Arthur during the week ended October 11 were 6,039,000 bushels and shipments were 8,508,000 bushels. Receipts at Vancouver were 1,442,000 bushels and shipments were 1,288,000 bushels.

Russia

Total grain procurements of the state and cooperative procuring organization in Soviet Russia during the three months, July - September amounted to 6,268,000 short tons, according to a cable from Acting Agricultural Commissioner C. L. Dawson at Berlin. This is the largest quantity procured during a similar period in the last four years. The figures for the same three months of 1926, 1927 and 1928 are respectively: 2,661,000; 2,892,000 and 2,303,000 short tons. The quarterly "plan" for all grains was exceeded by 39 per cent, but for bread grains alone only by 7 per cent. Procuring operations during the first half of October were reported insufficient to warrant the execution of the high October "plan." A reported shortage of industrial goods in several regions is also an unfavorable factor in the present procuring situation.

C R O P A N D M A R K E T P R O S P E C T S , C O N T ' D

European market conditions

The German grain markets were quiet with a tendency toward lower prices according to Mr. Dawson. The spot price of domestic wheat at Hamburg declined one cent per bushel during the week to \$1.63 on October 16. The spot price of domestic rye at Berlin declined 6 cents per bushel to \$1.06 on October 16. The Danubian grain markets maintained a comparatively firm tone during the week.

A greater percentage of the new wheat crop in Germany had been marketed, up to September 15, 1929 than by the same time in 1928 according to a report of the German Agricultural Council. The report stated that 82.9 per cent of the winter wheat and 93.1 per cent of the spring wheat remained on farms on September 15 against 89.3 and 95.6 per cent respectively a year ago. Applying these percentages to the official estimates of production, farm stocks of wheat on September 15, 1929 were 96,791,000 bushels against 127,263,000 bushels on September 15, 1928. Stocks available for sale on September 15, 1929 were reported at 67.9 per cent of the winter wheat and 81.4 per cent of the spring wheat or a total of 79,768,000 bushels against 108,163,000 bushels a year ago. Farm stocks of winter rye on September 15 were a little less than a year ago, while stocks of spring barley were a little larger. See table, page 662.

United States wheat prices

Wheat markets were unsettled and nervous with prices taking a decided slump at the close of the week ended October 17. The influence of unfavorable crop reports from Argentina were more than offset by the large domestic visible which continued to increase slightly the last week, slow export business, and weaker quotations at Liverpool. The closing price of December futures at Chicago on October 17 was approximately 130 cents or five cents lower than on October 10 as compared with 110 cents the same time last year. The close at Minneapolis was only four cents lower. At Liverpool the December close at 136 cents was five cents lower and was the same as a year ago. February futures at Buenos Aires closed at 122 cents on October 16 as compared with 126 cents October 9 and 117 cents last year.

The tone of the cash wheat market continued strong during the week ended October 11 and prices of all classes advanced; durum wheats making the largest advance and hard red winter the smallest. The weighted average cash price of all classes and grades at six markets advanced two cents to 128 cents per bushel as compared with 109 cents a year ago. No. 2 amber durum and No. 1 dark northern spring at Minneapolis advanced four and two cents respectively to 131 and 137 cents respectively. No. 2 red winter at St. Louis advanced three cents to 136 cents while No. 2 hard winter at Kansas City advanced only one cent to 125 cents per bushel. The price of western white as indicated by the average of cash quotations

Cont'd. on page 632.

WHEAT: Closing prices of December futures

631

October 21, 1929

Date	Chicago		Kansas City		Minneapolis		Winnipeg		Liverpool		Buenos Aires a/	
	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
	December futures											
Sept. 12	113	144	107	137	110	145	110	168	129	149	b/ 110	b/ 122
19	115	139	109	133	112	140	118	151	131	144	b/ 110	b/ 118
26	118	137	112	131	115	141	116	148	135	138	b/ 113	b/ 113
Oct. 3	118	133	112	128	114	137	118	142	136	136	b/ 115	b/ 114
10	117	135	111	130	113	137	118	148	135	141	c/ 117	c/ 126
17	115	130	110	125	111	133	118	144	136	136	c/ 117	c/ 122
24	113		107		109		117		134		c/ 116	
31	116		111		112		119		137		c/ 116	
Nov. 7	114		108		110		118		134		c/ 116	

a/ Prices are of day previous to other prices.

b/ October futures.

c/ February futures.

WHEAT: Weighted average cash prices at stated markets

Week	All classes and grades six markets		No. 2 Hard winter Kansas City		No. 1 Dk.n.spring Minneapolis		No. 2 Amber durum Minneapolis		No. 2 Red winter St. Louis		Western white Seattle a/	
	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Sept. 6	110	128	106	125	125	137	104	132	147	138	113	126
13	107	130	105	126	123	140	134	131	143	137	115	126
20	108	128	107	125	126	138	107	127	145	134	116	123
27	111	125	110	123	130	133	109	131	146	135	117	120
Oct. 4	107	126	110	124	125	135	109	127	145	133	118	121
11	109	128	111	125	124	137	113	131	149	136	120	122
18	105		109		121		108		147		120	
25	105		107		119		115		138		117	
Nov. 1	110		112		124		121		140		117	

a/ Weekly average of daily cash quotations basis No. 1 sacked 30 days delivery.

CROP AND MARKET PROSPECTS, CONT'D

at Seattle advanced one cent to 122 cents as compared with 120 cents a year ago. The indications are that average cash prices will hold steady or perhaps weaken slightly during the week ended October 13 as compared with the previous week. The spread between cash closing prices at Winnipeg and Minneapolis widened one cent during the week to ten cents in favor of Winnipeg as compared with a four cent spread last year.

The flour market at Dairen

Consul Langdon at Dairen reports that prospects for marketing American flour on the Dairen market are very favorable at the present time according to a cable from Agricultural Commissioner P. O. Nyhus at Shanghai. Considerable business has already been done in American flour in South Manchuria and an even larger volume is expected to be done during the next few months as American flour is quoted lower than Shanghai, Japanese or Canadian flour. The Nanking government placed an embargo on the export of Shanghai flour to Dairen but this embargo is of little importance at the present time as the price margin is in favor of American flour. The military authorities in North Manchuria have placed an embargo on wheat and flour shipments to Changchun, the junction point of the Japanese South Manchurian Railway and the Eastern Chinese Railway, which is controlled by the Chinese authorities. The embargo is also in effect on shipments to points further south in Central Manchuria and to the eastern and western Russian frontiers. The measure which is designated to provide an adequate and cheap source of grain to feed the troops in Northern Manchuria, confirms the reports of a good wheat crop in that region. The embargo widens the field of distribution for imports at Dairen as it cuts off the wheat supplies from the north to a few mills in South Manchuria and eliminates the competition of the Harbin flour mills.

Rye production in 1929

The 1929 rye production in 13 European countries is reported at 364,800,000 bushels as compared with 366,463,000 bushels in the same countries in 1928. The first estimate of the production in Sweden is 16,377,000 bushels as compared with 17,152,000 bushels in 1928. Revision in the estimates for Spain, Lithuania and Finland are shown in the table on page 659.

Farm stocks of winter rye in Germany

German farm stocks of winter rye on September 15 were estimated at 86.7 per cent of the total crop of the German Agricultural Council as compared with 84.0 per cent on September 15, 1928. The farm holdings available for sale were estimated at 55.6 per cent against 54.6 per cent a year ago. Applying these percentages to the official estimates of production, farm stocks of winter rye on September 15, 1929 were 273,219,000 bushels of which 175,213,000 bushels were available for sale.

C R O P A N D M A R K E T P R O S P E C T S , C O N T ' D

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Farm stocks on September 15, 1928 were 277,804,000 bushels and stocks available for sale were 180,573,000 bushels. The Council estimates that 61 per cent of the winter rye in Germany weighs over 55 pounds per measured bushel, 33 per cent between 53 and 55 pounds and 6 per cent weighs less than 53 pounds per bushel. The corresponding percentages for 1928 were 55, 38 and 7 per cent respectively. See tables, page 658.

FEED GRAINS

Barley

The total 1929 barley production as estimated in 28 countries has reached a total of 1,321,303,000 bushels, a decrease of 3.8 per cent from the production in the same countries last year. The total for the 20 European countries reported, however, is 6 per cent above that of 1928. During the past week the first estimates of the barley crop in France and Estonia have been received, while the previous estimates for Luxemburg, Spain, Czechoslovakia, Rumania and Finland have been increased slightly, and the earlier estimates for the Netherlands, Austria and Lithuania decreased a little. There have also been a few new estimates of acreage and revisions of earlier figures. See barley acreage and production tables, pages 660 and 662.

It is estimated that the barley crop in Norway this year will be only 94 per cent of normal. The quality of the new barley in Estonia is said to be excellent, so that the breweries will be able to fill part of their requirements at home.

Shipments of barley from the United States, Canada, Argentina and the Danubian countries from July 1 to the latest dates available amount to 36,481,000 bushels, a decrease of 13.2 per cent from the shipments during the same periods of 1928. United States barley exports during the week ended October 12 were the smallest weekly shipment since the middle of June. See barley trade table, page 665.

There was little change in United States barley prices during the week ended October 11. No. 2 barley at Minneapolis averaged 61 cents, the same as the price for the preceding week, and 3 cents below the price for the corresponding week last year. See barley price table, page 664.

Stocks of barley in store in the Western Grain Inspection Division of Canada on October 11 amounted to 17,873,000 bushels compared with only 10,826,000 bushels on the same date last year and 3,523,000 bushels in 1927. Receipts of barley at Fort William, Port Arthur and Vancouver from August 1 - October 11 amounted to 3,053,000 bushels, while the shipments from the same period totaled 1,133,000 bushels. In Germany stocks of spring barley in farmers' hands on September 15 amounted to 90.8 per cent of the total crop or 110,711,000 bushels, compared with 80 per

CROP AND MARKET PROSPECTS, CONT'D

cent of the total crop, or 106,091,000 bushels on the same date last year. Stocks available for sale on September 15 amounted to 63.7 per cent of the total crop, or 83,765,000 bushels against 61.7 per cent of the crop or 81,823,000 bushels on the same date in 1928.

Oats

The 1929 oats production as estimated in 25 countries now totals 3,163,-376,000 bushels, a decrease of 8.5 per cent from the amount produced by the same countries last year. The total for the 19 European countries reported, however, is 6.3 per cent above that of last year. During the past week the first estimates of the oats crops in France, Estonia and Morocco have been received while the previous estimates for Luxemburg, Spain, Czechoslovakia, Rumania and Finland have been increased a little and the earlier estimates of the Netherlands, Austria and Lithuania decreased slightly. It is estimated that the oats crop in Norway was adversely affected by the cool weather this summer and will reach only 90 per cent of a normal crop. There have also been a few changes and new estimates of acreage. See oats acreage table, page 660 and production table, page 663.

Exports of oats from the United States, Canada, Argentina and the Danubian countries from July 1 to the latest dates available total 9,171,000 bushels, a decrease of almost 53 per cent from the exports during the same periods last year. United States oats exports during the week ended October 12 were almost negligible being smaller than any weekly shipment for more than a year. See oats export table, page 665. United States oats prices decreased slightly during that week. No. 3 white oats at Chicago averaged 48 cents per bushel, the lowest price since the first week in September, but 6 cents above the price for the corresponding week last year. See table showing oats prices, page 664.

Stocks of oats in store in the Western Grain Inspection Division of Canada on October 11 stood at 12,574,000 bushels, compared with only 4,980,000 bushels on the same date in 1928 and 1,994,000 bushels in 1927. Receipts of oats at Fort William, Port Arthur and Vancouver from August 1 - October 11 totaled 1,401,000 bushels, while shipments during the same period amounted to 2,897,000 bushels.

Corn

The 1929 corn production as reported in 12 countries has reached a total of 3,072,234,000 bushels, a decrease of 1.1 per cent from that harvested by the same countries last year. The 6 European countries, however, are showing an increase of more than 107 per cent over last year. During the past week there have been increases in the earlier estimates of the corn crop in Czechoslovakia, Hungary and Yugoslavia. In Africa, on the other hand, the preliminary figures for Morocco and Algeria show a production only about 64 per cent of last year's. A few slight revisions of corn acreage figures have also been received. See corn acreage and production tables, page 661.

C R O P A N D M A R K E T P R O S P E C T S , C O N T ' D

Net exports of corn from the United States, Argentina and the Danubian countries and the Union of South Africa, as far as reported for the crop year beginning November 1, 1928, total 260,157,000 bushels, a decrease of 16.4 per cent from the amount exported during the same periods of the preceding year. Both United States and Argentine corn exports during the week ended October 12 fell below those of the preceding week. See corn trade table, page 665.

During the week ended October 11 there was little change in United States corn prices. The cash price of No. 3 yellow corn at Chicago advanced one cent to 99 cents per bushel, while December futures dropped one cent to 96 cents. During the corresponding week last year these prices averaged \$1.02 and 82 cents, respectively. During the same week the Argentine corn quotations at Buenos Aires averaged 89 and 91 cents for November and February delivery, respectively, compared with an average of 95 cents for both November and December delivery last year. See table showing corn prices, page 664.

T O B A C C O

DECREASED TOBACCO PRODUCTION IN ALGERIA IN 1929: It is anticipated that the tobacco crop of Algeria this season will be smaller than last year and below the 1923-1927 average, due to a considerable reduction in area and to unfavorable weather conditions, according to the International Institute of Agriculture at Rome. Last year Algeria produced 55,128,000 pounds of tobacco from an area of 65,357 acres, of which less than 1,000,000 pounds were of the snuff type, the rest being pipe tobacco. First estimates for the two departments of Oran and Constantine, which last year produced slightly more than one-third of the total Algerian production, indicate a crop of 13,300,000 pounds, or 32 per cent below last year. Production in the department of Algiers, where practically all the remainder of the Algerian tobacco is grown, will probably also be below average.

C O T T O N

THE COTTON SITUATION ABROAD: There was an increase in the orders for cotton yarn and fabrics in Continental Europe during August and early September, but not much change in mill activity. The increases in the central European countries where conditions have been depressed, was only seasonal, but in western Europe, especially France, increases were more than seasonal. Spinners margins remain small. Stringent credit and money conditions in Great Britain have hampered both domestic and export sales of cotton textiles.

CROP AND MARKET PROSPECTS, CONT'D

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sales of cotton textiles. With low stocks of raw cotton there appears to have been some improvement in the European demand for spot cotton. Trade and mill activity in the Oriental cotton textile industries continues very active.

Some increase over last year's production appears probable in Russia and Brazil and plantings in India on August 1 were larger than those on the same date last year. The Egyptian crop is estimated to be practically the same as last year.

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LIVESTOCK, MEAT AND WOOL

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NINE MONTHS' MEAT RECEIPTS AT LONDON CENTRAL MARKETS: Supplies of all kinds of meat at London Central Markets, except pork and bacon, were larger for the first 9 months of 1929 than for the corresponding period of 1928. Pork and bacon receipts for this period of 1929 decreased 5 per cent to 66,000,000 pounds. Supplies from home sources fell off 14 per cent and those from the United States 26 per cent. Bacon receipts from the Netherlands, however, increased 30 per cent while supplies of pork and bacon from New Zealand were twice as large as for the same period last year. Total beef receipts estimated at 413,000,000 pounds were about 1 per cent above 1928; supplies from Argentina and domestic sources being about the same as for the same period last year. Considerably larger supplies came from Uruguay and Australia. Receipts from New Zealand and Canada decreased. Mutton and lamb supplies reached 238,000,000 pounds for the period under review and were only slightly above last year's receipts. Receipts from Australia were over twice as large and those from Argentina increased considerably. These increases were offset by smaller receipts from New Zealand, Uruguay and domestic sources. See detailed figures Page 667.

INCREASE IN CATTLE AND SHEEP IN URUGUAY: Both cattle and sheep have increased in Uruguay since the last census taken in 1924 according to an unofficial estimate made in July 1929 States Consul General Carrigan at Montevideo. This estimate is an average of the unofficial estimates made by the three principal packing plants of Uruguay in June 1929. Cattle in 1929 are estimated at 9,153,000 against 8,432,000 in 1924 an increase of 9 per cent; sheep, 19,358,000 compared with 14,443,000 in 1924, an increase of approximately 5,000,000. This reported increase in sheep is also substantiated from other sources, states the Consul. Although statistics show that cattle herds are on the increase, the quality is not improving but is, in fact, deteriorating according to the Consul. See detailed figures page 663.

L I V E S T O C K , M E A T A N D W O O L , C O N T ' D

FOUR PER CENT DECREASE IN ARGENTINE WOOL CLIP: The Argentine wool clip for the year 1929 is estimated at 330,000,000 pounds according to a preliminary estimate cables from the International Institute of Agriculture. This is a decrease of 4 per cent compared with the estimated production for 1928. The quality of the current clip sheared mostly during the last part of the year and exported during the season October 1929 to September 1930 is reported as good. Average production for the 5 years 1924-1928 was approximately 334,000,000 pounds against the 1909-1913 pre-war average of about 332,000,000 pounds.

D A I R Y P R O D U C T S

EUROPEAN BUTTER MARKETS CONTINUE FIRM: Nothing has occurred as yet to weaken the European markets or widen materially the margin in favor of domestic markets, according to quotations cabled by American Agricultural Commissioners as of October 17. Copenhagen was unchanged from the previous Thursday at the equivalent of 40.4 cents per pound. London prices on some descriptions declined, but so slightly as to be practically unchanged in the general tone of the market. Shipments afloat from New Zealand and Australia are still seasonally light and somewhat below those of the same date last year.

BUTTER: Shipments afloat from New Zealand and Australia

Country	Oct. 12, 1929	Oct. 19, 1928	Oct. 8, 1927
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
New Zealand	9,240,000	12,264,000	7,392,000
Australia	4,368,000	5,320,000	784,000
Total	13,608,000	17,584,000	8,176,000

FARM RELIEF IN EGYPT

The Egyptian government has promulgated a decree providing for advances to growers which became effective with its publication in the "Journal Officiel du Gouvernement Egyptien" on September 9, 1929. The purpose of this provision for advance of funds is to enable growers to obtain the best seeds, to buy fertilizers and to meet the necessary cultivating and harvesting expenses. The act also provides for the promotion of agricultural cooperative societies. The following discussion is based on a translation of the original decree as given in a report by Commercial Attache Charles E. Dickerson, Jr., at Cairo.

The Minister of Finance may, either directly or through the banks, make advances to growers whether they are owners or renters. Advances to individual growers are to be made for the cultivation of cotton, rice and wheat, on an area not to exceed 10 feddans (10.38 acres) for each of the specified crops and provided that the area held by a single grower does not exceed 30 feddans. The Council of Ministers may, however, by simple decision include other crops than those mentioned and may also increase the area limitations in each instance, up to three times the area specified in the act. Advances shall be made only to growers who obtain their seed and fertilizers exclusively from the Government and only to growers who are not delinquent in any of their State taxes or in the payments on land purchased from the Government and whose lands are not under seizure or judicial expropriation.

The Minister of Finance is authorized to make advances to the Egyptian cooperative societies formed in accordance with law No. 23 of 1927, with a view to lending to their members under the conditions stated in the present law; the borrowing members to be jointly responsible with their cooperatives for the repayment of the advances. The rate of interest on government loans shall be 5% on loans to cooperatives with a provision that cooperatives cannot charge more than 4% on money relented to growers. Growers are thereby able to secure such credit through cooperative at a reduction in interest cost of one per cent or more; which should promote the organization of cooperative societies.

AGRICULTURAL PRODUCTS: UNITED STATES TRADE WITH ALASKA, HAWAII
AND PORTO RICO

The trade of the United States with its outlying possessions, Alaska, Hawaii and Porto Rico shows a steady growth. During 1928-29, agricultural products received from those sources were valued at \$157,118,000 of which nearly 66% came from Hawaii, about 34% from Porto Rico and only a fraction of one per cent from Alaska. Of the products shipped to the United States, sugar is by far the most important, amounting to about 60% of the total shipments. During the year just closed, Hawaii sent us 886,000 short tons of sugar, the highest on record. In Porto Rico the hurricane of last year greatly reduced their production so that sugar shipments to the United States amounted to only 472,000 short tons, the lowest figure since 1924. In addition to sugar, both these islands supply large quantities of molasses, mostly blackstrap. Among the shipments from Hawaii, canned pineapple ranks second only to sugar and during 1928-29 amounted to 433,196,000 pounds, a slight decrease from the preceding year. Next to sugar, Porto Rico shipments consist principally of tobacco, grapefruit and pineapples.

The value of agricultural commodities purchased from the United States by these possessions during the past year amounted to \$59,911,000, about 50% of which went to Porto Rico. Rice was the most important single item sent to Porto Rico and Hawaii and all three territories took large quantities of dairy products, cured pork, beef, fats, oils, flour, potatoes and feedstuffs.

AGRICULTURAL PRODUCTS: Value of trade between the United States
and noncontiguous territories, 1922-1929

Year ended June 30	Porto Rico		Hawaii		Alaska	
	Shipments to	Shipments from	Shipments to	Shipments from	Shipments to	Shipments from
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1922	21,926	53,892	12,734	66,292	7,123	13
1923	24,030	61,801	15,976	93,313	8,297	190
1924	23,819	66,581	17,539	104,267	9,016	365
1925	29,710	70,190	17,954	97,430	9,774	415
1926	32,212	70,385	17,806	105,470	9,539	516
1927	32,603	84,061	18,019	98,600	8,737	592
1928	23,146	82,326	19,004	110,338	9,435	175
1929, prelim	31,468	53,328	19,335	103,653	9,108	137

Compiled from Monthly Summary of Foreign Commerce of the United States, June 1923-1929.

AGRICULTURAL PRODUCTS: Shipments to the United States from Alaska,
1928 and 1929

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929	1928	1929
		Thousands	Prel. Thousands	1,000 dollars	1,000 dollars
Animals, live:					
Blue fox.....	No	1	a/	33	21
Other	No	1	1	32	31
Wood, timber and lumber.....	M ft	3	2	105	85
Total value of shipments				175	137

Compiled from Monthly Summary of Foreign Commerce of the United States, June 1929, Part 2.

a/ Less than 500.

AGRICULTURAL PRODUCTS: Shipments to the United States from Hawaii,
1928 and 1929

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929	1928	1929
		Thousands	Prel. Thousands	1,000 dollars	1,000 dollars
ANIMALS AND ANIMAL PRODUCTS					
Animals, live.....	No	2	1	6	7
Beeswax.....	lb	24	35	7	11
Bones, hoofs, horns, etc.....	lb	59	119	1	5
Hides and skins	lb	1,582	1,414	232	186
Honey	lb	1,119	1,900	60	106
Meat products - tallow	lb	528	644	37	42
Wool, raw.....	lb	146	65	44	16
Total animals and animal products.....				387	377
VEGETABLE PRODUCTS					
Breadstuffs:					
Rice.....	lb	322	27	18	35
Other.....	lb	159	179	17	18
Coffee.....	lb	5,094	4,098	1,338	1,033
Fruits:					
Canned-					
Pineapple.....	lb	473,139	433,196	37,460	35,043

Continued -

AGRICULTURAL PRODUCTS: Shipments to the United States from Hawaii,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929	1928	1929
		Thousands	Thousands	1,000 dollars	1,000 dollars
VEGETABLE PRODUCTS-CONT'D					
Fruits - continued					
Dried, green or ripe-					
Baranas	bunch	210	184	210	186
Pineapples	box	10	9	29	26
Prepared or preserved.....	lb	735	564	94	80
Pineapple alcohol	gal	61	34	21	12
Nuts.....	lb	122	169	5	6
Sugar and molasses:					
Molasses	gal	15,367	25,885	637	999
Sugar-					
Refined	s ton	15	13	1,801	1,470
Unrefined.....	s ton	809	873	68,244	64,345
Total sugar.....	s ton	824	886	70,045	65,815
Pineapple stock feed.....	lb	2,389	0	29	0
Vegetables	lb	350	317	48	148
Total vegetable products				109,951	103,276
FOREST PRODUCTS					
Lumber-boards, planks & deals...	M ft	a/b/	a/b/	a/b/	a/b/
Total value of shipments, in- cluding forest products ...				110,338	103,653
Total value of shipments, ex- cluding forest products....				110,338	103,653

Compiled from Monthly Summary of Foreign Commerce of the United States, June
1929, Part 2

a/ Less than 500.

b/ July-December.

AGRICULTURAL PRODUCTS: Shipments to the United States from Porto Rico, 1928 and 1929

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
ANIMAL PRODUCTS					
Beeswax	lb	24	30	7	9
Hides and skins:					
Cattle	lb	775	841	141	145
Other	lb	63	58	30	29
Honey.....	lb	1,426	1,044	86	71
Total animal products.....				264	254
VEGETABLE PRODUCTS					
Coffee.....	lb	4,246	580	1,406	209
Cotton,unmanufactured(478 lbs)	bale	1	1	245	257
Fruits:					
Fresh-					
Grapefruit.....	box	892	215	2,704	530
Oranges,.....	box	546	22	1,286	60
Pineapples.....	crate	549	529	1,654	1,727
Other	lb	318	107	14	6
Prepared or preserved, (canned or otherwise)-					
Grapefruit.....	lb	10,734	2,832	1,003	263
Guavas	lb	19	14	3	2
Pineapples.....	lb	2,122	2,323	142	242
Other.....	lb	66	121	6	13
Total fruits.....				6,812	2,843
Nuts:					
Coconuts.....	M	23	9	698	250
Copra	lb	68	57	3	2
Seeds:					
Annato.....	lb	83	a/	5	1
Other	lb	39	77	8	16
Sugar and molasses:					
Molasses and sirups.....	gal	19,390	21,484	831	937
Sugar (2,000 lbs.).....	ton	605	472	54,570	35,222

Continued-

AGRICULTURAL PRODUCTS: Shipments to the United States from Porto Rico, 1928 and 1929, continued

Article Shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929 prel.	1928	1929 prel.
VEGETABLE PRODUCTS-CONT'D		<u>Thousands</u>	<u>Thousands</u>	<u>1,000</u>	<u>1,000</u>
Tobacco, unmanufactured:				<u>dollars</u>	<u>dollars</u>
Leaf-					
Stemmed.....	lb	20,063	17,610	12,532	10,737
Unstemmed.....	lb	6,591	1,704	2,935	430
Stems, scraps and trimmings...	lb	9,023	8,155	1,595	1,742
Total tobacco (unmanu- factured).....	lb	35,677	27,469	17,062	12,959
Vegetables.....	lb	792	368	46	20
Miscellaneous vegetable pro- ducts:					
Alcohol, denatured.....	gal	743	907	333	326
Bay oil	lb	16	11	25	21
Roots and plants.....	lb				
Ginger root.....	lb	63	51	3	2
Roots and plants, n e s ..	lb	62	42	15	7
Total vegetable products				82,062	53,072
FOREST PRODUCTS					
Wood, unmanufactured.....	bdm ft	0	b/	0	2
Total value of shipments, in- cluding forest products ..				82,326	53,328
Total value of shipments, ex- cluding forest products..				82,326	53,326

Compiled from Monthly Summary of Foreign Commerce of the United States, June 1929, Part 2.

a/ Less than 500.

b/ Reported in value only.

AGRICULTURAL PRODUCTS: Shipments from the United States to Alaska,
1928 and 1929

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
ANIMALS AND ANIMAL PRODUCTS					
<u>Animals, live:</u>					
Cattle.....	No.	a/	a/	12	16
Hogs.....	No.	1	1	11	10
Horses.....	No.	a/	a/	9	9
Other live animals, edible		b/	b/	21	41
Total live animals.....				53	76
<u>Dairy products:</u>					
Butter	lb	1,552	1,473	736	724
Cheese.....	lb	313	306	97	95
Milk, condensed, evaporated or powdered.....	lb	c/ 2,436	d/	c/ 235	d/
Condensed, sweetened.....	lb	e/ 137	116	e/ 16	19
Evaporated, unsweetened....	lb	e/ 2,622	4,666	e/ 234	408
Total dairy products.....	lb	7,060	6,561	1,318	1,246
<u>Eggs in the shell</u>	doz	1,623	1,555	569	582
<u>Meats and meat products:</u>					
Beef and veal, fresh.....	lb	3,819	3,279	691	705
Beef, canned.....	lb	201	255	53	62
Beef & veal, pickled or cured	lb	80	65	12	10
Total beef and veal.....	lb	4,100	3,599	756	777
Mutton and lamb.....	lb	471	426	106	103
<u>Pork-</u>					
Bacon.....	lb	793	758	282	258
Hams and shoulders, cured.	lb	842	749	247	234
Fresh and pickled.....	lb	1,033	1,035	209	224
Total pork.....	lb	2,668	2,542	738	716
Poultry and game, fresh....	lb	419	372	147	134
Sausage, including canned...	lb	330	335	80	88
<u>Miscellaneous meats and meat products-</u>					
Canned meats, n e s	lb	157	247	51	84
Other meats & sausage casings	lb	307	191	51	35
<u>Oils and fats, animal-</u>					
Lard.....	lb	424	366	71	60
Lard Compounds.....	lb	213	204	30	29
<u>Miscellaneous animal oils and fats-</u>					
Edible.....	lb	109	108	13	13
Inedible.....	lb	14	40	1	3
Total oils and fats animal.....	lb	760	718	115	105

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Alaska,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1923	1929 prel.	1923	1929 prel.
ANIMALS AND ANIMAL PRODUCTS continued		Thousands	Thousands	1,000 dollars	1,000 dollars
Meats & meat products, cont'd					
Total meats and meat products	lb	9,212	8,430	2,044	2,042
Miscellaneous animal products, n e s:					
Edible	b/			15	32
Inedible f/	b/			34	30
Total animals and animal products				4,033	4,008
VEGETABLE PRODUCTS					
Cocoa and chocolate	lb	94	85	26	25
Coffee	lb	987	907	401	400
Fruits:					
Dried or fresh-					
Apples	box	35	36	108	89
Oranges	box	18	18	136	123
Raisins	lb	201	251	18	18
Other dried or fresh	lb	2,904	2,752	286	252
Total dried or fresh				548	482
Prepared or preserved-					
Canned fruits	lb	2,570	2,446	289	267
Preserved fruits, jellies and jams	lb	449	404	90	66
Total fruits				927	815
Grains and grain products:					
Grains-					
Barley	bu	4	7	5	8
Corn	bu	2	6	3	9
Oats	bu	70	68	57	52
Rice, including flour, meal and broken	lb	1,229	1,352	82	82
Wheat	bu	2	4	3	6
Total grains				150	157
Meals and flours-					
Corn meal and flour	bbl	3	2	21	16
Oatmeal and rolled oats	lb	544	601	29	31
Wheat flour	bbl	50	44	401	348
Total grains and flours.				601	552

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Alaska,
1928 and 1929, continued

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
<u>VEGETABLE PRODUCTS-CONT'D</u>					
<u>Grains and grain products,</u>					
<u>continued</u>					
Miscellaneous grain products-					
Bread, biscuits and					
crackers	lb	1,096	1,152	171	167
Cereal breakfast foods,					
ne s	lb	431	382	50	49
Prepared & mixed feeds	ton	a/c/	1	c/ 24	51
Other feeds, including					
screenings	ton	1	a/	53	13
Other grains and flours ...	lb	525	572	38	47
Total grains and grain				938	879
products					
<u>Nuts</u>	lb	145	129	39	38
<u>Oilseeds & oilseed products:</u>					
Oil cake and oil-cake meal ..	ton	a/	a/	2	2
Oils, expressed-					
Cottonseed	lb	4	7	1	1
Linseed	lb	115	136	14	16
Other vegetable oils and					
fats-					
Edible	lb	540	553	110	111
Inedible	lb	3	2	a/	a/
Total oils, expressed ..	lb	662	698	125	128
Total oilseed products				127	130
<u>Seeds, field and garden, except</u>					
<u>oilseeds</u>	lb	14	17	9	10
<u>Sugar, molasses and sirups:</u>					
Molasses and sirups	gal	47	44	57	52
Sugar, refined (2,000 lbs.) ..	ton	3	3	438	387
Total sugar, molasses and				495	439
sirups					
<u>Tea</u>	lb	216	173	116	93
<u>Tobacco leaf, unmanufactured</u> ..	lb	21	a/	3	a/
<u>Vegetables:</u>					
Dried and fresh-					
Beans, dried	bu	7	7	30	35
Peas, dried	bu	1	1	6	6
Onions	bu	17	21	45	54

Continued-

AGRICULTURAL PRODUCTS; Shipments from the United States to Alaska,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
VEGETABLE PRODUCTS-CONT'D					
<u>Vegetables, continued</u>					
Dried and fresh, continued					
Potatoes, white	bu	112	111	165	133
Canned vegetables	lb	3,129	3,241	313	325
Other vegetables and pre- parations of	lb	3,199	3,055	236	204
Total vegetables				795	757
<u>Miscellaneous vegetable pro- ducts:</u>					
Beverages and fruit juices...	gal	122	116	146	159
Hay	ton	3	2	79	72
Starch, including cornflour ..	lb	62	73	6	6
Vegetable food products, n & s	b/	b/	b/	68	68
Miscellaneous inedible vege- table products, n & s	b/	b/	b/	9	13
Total vegetable products ..				4,184	3,904
FOREST PRODUCTS					
<u>Naval stores- Rosin, tar, tur- pentine and pitch</u>					
	lb	206	269	15	22
<u>Wood:</u>					
Board, planks & scantling-					
Douglas fir	M ft	18	13	485	356
Pine	M ft	a/	a/	1	4
Other boards, planks, etc....	M ft	1	a/	49	37
Total boards, planks, etc.	M ft	19	13	535	397
Box shooks	Bd. ft.	9,368	12,780	318	439
Cooperage shooks	set	54	55	119	128
Logs & timber, hewn & sawed...	M ft	11	7	215	198
Shingles	M	3	2	8	6
Other sawed lumber	Bd. ft.	51	22	9	6
Total wood				1,204	1,174
Total forest products				1,218	1,196
Total value of shipments, including forest products:				9,435	9,108
Total value of shipments, excluding forest products				8,217	7,912

Compiled from Monthly Summary of Foreign Commerce of the United States, June, 1929, Part 2.

a/ Less than 500. b/ Reported in value only. c/ July-December.

d/ Classified as separate items. e/ January-June. f/ Includes other live animals, inedible.

AGRICULTURAL PRODUCTS: Shipments from the United States to Hawaii,
1928 and 1929

Year ended June 30					
Article shipped	Unit	Quantity		Value	
		1928	1929 prel.	1928	1929 prel.
ANIMALS AND ANIMAL PRODUCTS		Thousands	Thousands	1,000 dollars	1,000 dollars
<u>Animals, live:</u>					
Cattle	No	1	a/	89	60
Hogs	No	2	8	30	111
Horses	No	a/	a/	23	45
Mules, asses and burros	No	a/	a/	62	43
Poultry, live		b/	b/	96	72
Total live animals				305	332
<u>Dairy products:</u>					
Butter	lb	1,502	1,537	683	733
Cheese	lb	510	432	156	136
Milk, condensed, evaporated or powdered	lb	c/ 3,113	d/	c/ 400	d/
Condensed, sweetened	lb	e/ 1,226	2,003	e/ 176	286
Evaporated, unsweetened ...	lb	e/ 2,009	3,694	e/ 192	378
Powdered	lb	e/ 103	217	e/ 10	20
Total dairy products ...	lb	8,463	7,883	1,617	1,553
<u>Eggs in the shell</u>	doz	1,856	1,719	533	575
<u>Meats and meat products:</u>					
Beef and veal, fresh	lb	178	120	35	28
Beef, canned	lb	764	1,245	152	271
Beef and veal, pickled or cured	lb	56	34	11	7
Total beef and veal	lb	998	1,399	198	306
Mutton and lamb	lb	33	56	10	15
Pork-					
Bacon	lb	410	543	141	172
Hams and shoulders, cured...	lb	1,451	1,573	451	529
Fresh and pickled	lb	c/ 607	d/	c/ 113	d/
Carcasses, fresh & frozen	lb	e/ 167	253	e/ 23	43
Loins & other fresh pork	lb	e/ 503	796	e/ 102	165
Pickled pork	lb	e/ 172	312	e/ 28	62
Total pork	lb	3,315	3,477	863	917
Poultry and game, fresh	lb	780	863	277	317
Sausage, canned & not canned	lb	c/ 478	d/	c/ 116	d/
Canned	lb	e/ 193	371	e/ 63	120
Not canned	lb	e/ 475	790	e/ 93	182
Miscellaneous meats and meat products-					
Canned meats, n e s	lb	396	387	110	103
Other meats & sausage casings	lb	388	248	94	50

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Hawaii,
1928 and 1929, continued

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928 Thousands	1929 prel. Thousands	1928 1,000 dollars	1929 prel. 1,000 dollars
ANIMALS AND ANIMAL PRODUCTS-					
continued					
<u>Meats and meat products-cont'd</u>					
<u>Oils and fats, animal-</u>					
Lard.....	lb	213	237	31	31
Lard compounds.....	lb	1,323	907	191	126
Miscellaneous animal oils and fats, edible ..	lb	72	119	9	17
Total oils and fats....	lb	1,608	1,263	231	174
Total meats and meat products.....	lb	8,669	8,854	2,055	2,244
<u>Miscellaneous animal products,</u>					
<u>nes-</u>					
Edible.....	b/		b/	24	32
Inedible f/.....	b/		b/	63	52
Total animals and animal products.....				4,597	4,788
VEGETABLE PRODUCTS					
<u>Cocoa and chocolate</u>	lb	c/ 304	d/	c/ 75	d/
Cocca, powdered.....	lb	e/ 24	57	e/ 6	12
Chocolate, including sweetened	lb	e/ 353	541	e/ 89	139
<u>Coffee</u>	lb	554	710	143	209
<u>Fruits:</u>					
<u>Dried-</u>					
Prunes.....	lb	e/ 155	286	e/ 12	25
Raisins.....	lb	411	460	32	32
Other dried fruits.....	lb	e/ 81	240	e/ 11	32
<u>Fresh-</u>					
Apples.....	box	89	112	185	179
Grapefruit.....	box	e/ 5	10	e/ 18	39
Lemons.....	box	e/ 9	16	e/ 39	77
Oranges.....	box	106	133	497	519
Other fresh fruits.....		b/	b/	e/ 20	210
Other dried and fresh.....		b/	b/	c/ 286	d/
Total dried and fresh.....				1,100	1,113
<u>Prepared or preserved-</u>					
Canned fruits.....	lb	c/ 1,170	d/	c/ 126	d/
Peaches.....	lb	e/ 248	719	e/ 20	59
Pears.....	lb	e/ 130	279	e/ 19	34
Other canned fruits.....	lb	e/ 585	1,253	e/ 50	122
Preserved fruits, jellies and jams.....	lb	577	606	88	86
Other fruit preparations.....	lb	e/ 64	276	e/ 11	44
Total fruits.....				1,414	1,458

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Hawaii,
1928 and 1929, continued

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
VEGETABLE PRODUCT-CONT'D					
Grains and grain products:					
Grains-					
Barley.....	bu	360	319	394	203
Corn.....	bu	153	149	201	193
Oats.....	bu	61	87	49	61
Rice, including flour, meal and broken.....	lb	c/ 34,490	d/	c/ 1,886	d/
Rice	lb	e/ 35,477	78,783	e/ 1,499	2,994
Wheat.....	bu	60	69	88	86
Total grains.....				4,117	3,547
Meals and flours-					
Corn meal and flour.....	bbl	1	1	5	4
Oatmeal and rolled oats	lb	1,089	429	40	24
Rice flour, meal and broken rice.....	lb	e/ 120	131	e/ 5	5
Wheat flour.....	bbl	132	140	948	961
Total grains and flours				5,115	4,541
Miscellaneous grain products					
Biscuits and crackers.....	lb	c/ 301	d/	c/ 64	d/
Plain, not sweetened or flavored.....	lb	e/ 104	254	e/ 20	37
Sweetened or flavored....	lb	e/ 204	411	e/ 45	92
Cereal foods, n e s	lb	894	952	100	97
Macaroni, spaghetti and noodles.....	lb	e/ 302	659	e/ 28	58
Other grains and flours....		b/	b/	75	82
Prepared and mixed feeds...	ton	e/ 9	23	e/ 412	991
Other feeds, including screenings.....	ton	34	23	1,321	883
Total grains and grain products.....				7,180	6,781
Nuts					
Nuts	lb	c/ 278	d/	c/ 67	d/
Peanuts.....	lb	e/ 48	114	e/ 11	22
Other nuts.....	lb	e/ 96	291	e/ 24	85
Oilseed products:					
Oil cake and oil-cake meal	ton	a/	3	15	13
Oils, expressed-					
Cottonseed.....	lb	408	415	66	68
Linseed	lb	547	586	64	69
Vegetable-oil and compounds	lb	e/ 717	1,583	e/ 104	231
Other vegetable oils and fats-					
Edible.....	lb	670	277	118	49
Inedible.....	lb	31	21	4	3

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Hawaii,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929	1928	1929
		Thousands	Thousands	1,000	1,000
				dollars	dollars
VEGETABLE PRODUCTS-CONT'D					
<u>Oilseed products-continued</u>					
Oils, expressed-Cont'd					
Total oils, expressed.....	lb	2,372	2,882	556	420
Total oilseed products....				371	433
Seeds, field and garden.....	lb	135	146	23	24
Spices		b/	b/	e/ 16	41
Sugar, molasses and sirups:...					
Molasses and sirups.....		b/	b/	94	58
Sugar, refined (2,000 lbs.)...	ton	2	2	233	197
Total sugar, molasses sirups				327	255
Tea.....	lb	68	59	35	31
Tobacco, leaf, unmanufactured..	lb	1	2	1	a/
Vegetables:					
Dried and fresh-					
Beans, dried.....	bu	19	19	60	25
Peas, dried.....	bu	2	1	10	3
Onions.....	bu	83	69	109	103
Potatoes.....	bu	514	297	289	220
Other fresh vegetables....	lb	e/ 1,966	3,818	e/ 98	205
Canned.....	lb	c/ 3,206	d/	c/ 294	d/
Asparagus.....	lb	e/ 130	323	e/ 23	57
Baked beans & pork & beans	lb	e/ 453	1,004	e/ 42	85
Corn.....	lb	e/ 237	272	e/ 17	23
Peas.....	lb	e/ 394	759	e/ 36	69
Soups.....	lb	e/ 188	503	e/ 19	55
Tomatoes.....	lb	e/ 271	653	e/ 18	44
Other canned vegetables..	lb	e/ 288	544	e/ 29	56
Ketchup and other tomato sauces.....	lb	e/ 747	1,596	e/ 58	137
Pickles.....	lb	e/ 180	354	e/ 24	44
Other sauces and relishes....	lb	e/ 920	1,402	e/ 112	215
Other vegetables and preparations.....		b/	b/	240	52
Total vegetables.....				1,478	1,458

Continued -

AGRICULTURAL PRODUCTS: Shipments from the United States to Hawaii,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929	1928	1929
		Thousands	Thousands	1,000	1,000
				dollars	dollars
VEGETABLE PRODUCTS-CONT'D					
<u>Miscellaneous vegetable products:</u>					
Beverages and fruit juices...	gal	b/	d/	c/ 53	d/
Flavoring extracts	lb	e/ 37	70	e/ 19	41
Malt extract & malt sirup.	gal	e/ 21	38	e/ 27	60
Other beverages		b/	b/	e/ 55	111
Hay	ton	5	5	133	143
Starch, including corn flour.	lb	297	341	21	23
Vegetable food products, n e s		b/	b/	84	18
Yeast	lb	e/ 176	357	e/ 43	384
Other vegetable products, inedible, n e s		b/	b/	57	59
Total vegetable products ...				11,762	11,487
FOREST PRODUCTS:					
Naval stores -Rosin, tar, turpentine and pitch.....		b/	b/	19	27
<u>Wood:</u>					
Boards, planks & scantlings -					
Douglas fir	M ft	67	69	1,532	1,692
Pine	M ft	1	2	16	74
Redwood	M ft	3	4	118	149
Other boards, planks, etc....	M ft	1	b/	41	104
Total boards, planks, etc.				1,707	2,019
Box shooks	Bd ft	c/ 11,312	d/	c/ 368	d/
Hemlock	Bd ft	e/ 1,742	6,748	e/ 56	210
Southern pine	Bd ft	e/ 346	80	e/ 23	18
Spruce	Bd ft	e/ 1,903	2,778	e/ 73	88
Other	Bd ft	e/ 3,076	10,610	e/ 99	373
Cooperage shooks	set	2	2	1	4
Logs & timber, hewn & sawed..	M ft	c/ 1	d/	c/ 46	d/
Logs and hewn timber	M ft	a/c/	a/	e/ 4	8
Shingles	M	26	30	85	113
Timber, sawed -					
Douglas fir	M ft	e/ 1	1	e/ 14	29
Other sawed timber	M ft	a/e/	1	e/ 1	12
Other sawed timber	Bd ft	1,920	e/	78	e/
Other unmanufactured wood ...		b/	b/	71	158
Total wood				2,626	3,033
Total forest products :...				2,645	3,060
Total value of shipments, including forest products				19,004	19,335
Total value of shipments, excluding forest products.				16,359	16,275

Compiled from Monthly Summary of Foreign Commerce of the United States, June, 1930
Part II. a/ Less than 500. b/ Reported in value only. c/ July-December. d/ Classified
as separate items. e/ January-June. f/ Included other live animals inedible. g/ In-
cluded with "Other boards, planks, etc."

AGRICULTURAL PRODUCTS: Shipments from the United States to Porto Rico,
1928 and 1929

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929	1928	1929
		<u>Thousands</u>	<u>Thousands</u>	<u>1,000</u>	<u>1,000</u>
			prel.	dollars	dollars
ANIMALS AND ANIMAL PRODUCTS					
<u>Animals, live:</u>					
Cattle	No	1	a/	124	46
Horses	No	a/	0	63	0
Other live animals, edible ..		b/	b/	11	11
Total live animals				198	57
<u>Dairy products:</u>					
Butter	lb	531	466	253	242
Cheese	lb	1,687	903	323	239
Milk, condensed, evaporated					
or powdered	lb	c/ 2,130	d/	c/ 279	d/
Condensed, sweetened	lb	e/ 444	872	e/ 52	101
Evaporated, unsweetened ...	lb	e/ 1,390	4,223	e/ 180	419
Powdered	lb	e/ 242	396	e/ 71	145
Other dairy products		b/	b/	e/ 6	29
Total dairy products	lb	6,924	6,860	1,164	1,176
<u>Eggs in the shell</u>	doz	173	232	62	83
<u>Meats and meat products:</u>					
Beef and veal, fresh	lb	1,116	383	175	80
Beef, canned	lb	520	242	73	30
Beef & veal, pickled or cured	lb	1,386	32	164	7
Total beef and veal	lb	3,022	657	412	117
Mutton and lamb	lb	35	36	12	12
<u>Pork-</u>					
Bacon	lb	1,260	1,205	142	148
Canned pork	lb	a/ 137	35	e/ 13	18
Hams and shoulders, cured...	lb	7,605	7,272	1,189	1,282
Fresh and pickled	lb	c/ 6,611	d/	c/ 752	d/
Loins & other fresh pork	lb	e/ 91	265	e/ 17	45
Pickled pork	lb	e/ 5,782	12,836	e/ 619	1,381
Total pork	lb	21,486	21,663	2,732	2,874
Poultry and game, fresh	lb	46	47	17	20
Sausage, including canned ...	lb	c/ 853	d/	c/ 193	d/
Canned	lb	e/ 330	743	e/ 68	142
Not canned	lb	e/ 1,083	1,514	e/ 248	394
<u>Miscellaneous meats and meat products-</u>					
Canned meats, n e s	lb	744	208	100	25
Other meats & sausage casings	lb	2,852	3,822	228	262

Continued -

AGRICULTURAL PRODUCTS: Shipments from the United States to Porto Rico,
1928 and 1929, continued.

Article shipped	Year ended June 30				
	Unit	Quantity		Value	
		1928	1929 prel.	1928	1929 prel.
ANIMALS AND ANIMAL PRODUCTS-		Thousands	Thousands	1,000 dollars	1,000 dollars
continued					
Meats and meat products-cont'd					
Oils and fats, animal-					
Lard	lb	15,959	18,023	2,268	2,642
Lard compounds	lb	582	579	68	65
Oleomargarine, animal or vegetable	lb	e/ 662	1,531	e/ 101	231
Miscellaneous animal oils and fats-					
Edible	lb	507	68	79	13
Inedible	lb	107	185	14	21
Total oils and fats ..	lb	17,816	20,386	2,530	2,972
Total meats and meat products	lb	48,267	49,076	6,540	6,818
Miscellaneous animal products, n e s:					
Edible	b/	b/		3	3
Inedible f/	b/	b/		46	35
Total animals and animal products				8,013	8,172
VEGETABLE PRODUCTS					
Cocoa and chocolate	lb	562	633	167	203
Coffee.....	lb	854	4,145	206	1,005
Fruits:					
Dried or fresh-					
Apples	b/	b/		44	79
Grapes	lb	e/ 97	468	e/ 15	57
Raisins	lb	639	750	47	48
Other dried, fresh and evaporated	b/	b/		96	82
Total dried or fresh ...				202	266
Prepared or preserved-					
Canned	lb	c/ 1,070	d/	c/ 133	d/
Peaches	lb	e/ 121	515	e/ 12	49
Pears	lb	e/ 110	669	e/ 15	91
Other canned fruits	lb	e/ 208	504	e/ 19	62
Preserved fruits, jellies and jams	lb	188	117	34	24
Other fruit preparations ...	lb	e/ 31	104	e/ 4	18
Total fruits				419	510

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Porto Rico,
1923 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1923	1929 prel.	1928	1929 prel.
		Thousands	Thousands	1,000 dollars	1,000 dollars
VEGETABLE PRODUCTS-CONT'D					
Grains and grain products:					
Grains-					
Corn	bu	36	39	46	54
Oats	bu	221	198	150	123
Rice, including flour, meal and broken	lb	c/ 90,948	d/	c/ 3,800	d/
Rice	lb	e/ 91,918	199,961	e/ 3,431	7,451
Total grains				7,477	7,628
Meals and flours-					
Corn meal	bbl	75	131	351	598
Oatmeal, flaked and rolled oats	lb	871	1,084	91	117
Rice flour, meal and broken rice	lb	e/ 903	1,200	e/ 31	46
Wheat flour	bbl	378	476	2,549	2,902
Total grains and flours.				10,499	11,291
Miscellaneous grain products-					
Biscuits and crackers	lb	c/ 1,879	d/	c/ 306	d/
Plain, not sweetened or flavored	lb	e/ 1,057	2,596	e/ 153	381
Sweetened or flavored ..	lb	e/ 490	1,054	e/ 100	229
Cereal breakfast foods, n e s	lb	601	369	47	48
Macaroni, spaghetti and noodles	lb	e/ 557	1,090	e/ 30	73
Prepared and mixed feeds .	ton	e/ 7	14	e/ 393	710
Other feeds, including screenings	ton	8	1	373	27
Other grains and flours ..		b/	b/	28	14
Total grains and grain products				11,929	12,773
Nuts	lb	83	133	34	31
Oilseed products:					
Oil cake and oil-cake meal..	ton	a/	a/	24	14
Oils, expressed-					
Cottonseed	lb	61	60	8	7
Linseed	lb	871	1,007	97	111
Soy-bean oil	lb	e/ 113	354	e/ 17	45
Vegetable-oil lard compounds	lb	e/ 259	1,445	e/ 36	175
Other vegetable oils & fats-					
Edible	lb	1,483	73	183	15
Inedible	lb	32	4	5	1
Total oils, expressed..	lb	2,819	2,943	346	352
Total oilseeds and oilseed products				370	366

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Porto Rico,
1928 and 1929, continued

Article shipped	Unit	Year ended June 30			
		Quantity		Value	
		1928	1929	1928	1929
		Thousands	Thousands	1,000	1,000
			prel.	dollars	dollars
VEGETABLE PRODUCTS-CONT'D					
Seeds, field and garden.....	lb	42	105	7	13
Sugar, molasses and sirups:					
Molasses and sirups.....		b/	b/	6	9
Sugar, refined (2,000 lbs.)..	ton	a/	a/	45	21
Other sugar and related products.....	lb	a/	176	24	61
Total sugar, molasses and sirups.....				75	91
Tea	lb	7	c/ 1	2	c/ 1
Tobacco, leaf, unmanufactured..	lb	c/ 1,235	d/	c/ 341	d/
Cigar leaf.....	lb	e/ 502	1,024	e/ 282	409
Other leaf.....	lb	e/ 1,030	2,046	e/ 239	461
Vegetables:					
Dried-					
Beans	bu	400	499	1,350	1,890
Peas	bu	127	136	390	552
Fresh-					
Onions.....	bu	113	110	145	179
Potatoes.....	bu	543	852	625	716
Other fresh vegetables....	lb	e/ 660	1,034	e/ 38	65
Canned.....					
Soups.....	lb	c/ 1,456	d/	c/ 117	d/
Tomatoes.....	lb	e/ 130	309	e/ 16	36
Other canned vegetables....	lb	e/ 501	1,362	e/ 31	90
Other canned vegetables....	lb	e/ 285	806	e/ 29	76
Ketchup & other tomato sauces	lb	e/ 257	774	e/ 20	60
Other sauces and relishes....	lb	e/ 85	208	e/ 10	29
Other vegetables and preparations of	lb	b/	190	167	24
Total vegetables.....				2,938	3,717
Miscellaneous vegetable products:					
Beverages.....		b/	b/	395	440
Hay.....	ton	1	1	15	15
Starch, including corn flour	lb	3,311	3,102	101	107
Vegetable food products, n e s		b/	b/	85	82
Vinegar.....	gal	e/ 34	68	e/ 12	26
Yeast.....	lb	e/ 125	341	e/ 22	58
Miscellaneous vegetable products, inedible, n e s		b/	b/	71	80
Total vegetable products				17,710	20,388

Continued-

AGRICULTURAL PRODUCTS: Shipments from the United States to Porto Rico,
1928 and 1929, continued

Article shipped	Year ended June 30				
	Quantity		Value		
	Unit	1928 Thousands	1929 prel. Thousands	1928 dollars	1929 prel. dollars
FOREST PRODUCTS					
Naval stores - Rosin, tar, turpentine and pitch.....	b/		b/	7	13
Wood:					
Board, planks & scantlings-					
Pine.....	M ft	41	62	1,389	2,241
Other boards, planks, etc...	M ft	6	4	208	125
Total boards, planks, etc.	M ft	47	66	1,597	2,426
Box shooks	Bd ft	c/ 4,275	d/	c/ 257	d/
Gum.....	Bd ft	e/ 1,356	1,955	e/ 79	111
Southern pine.....	Bd ft	e/ 1,473	1,043	e/ 91	65
Other box shooks.....	Bd ft	e/ 1,973	347	e/ 109	18
Copperage shooks.....	set	46	49	32	39
Firewood and other un-					
manufactured wood.....	b/		b/	e/ 28	84
Logs and timber, hewn and					
sawed.....	M ft	c/ 2	d/	e/ 26	d/
Piling.....	Lin ft	e/ 38	32	e/ 13	22
Railroad ties.....	No	e/ 148	147	e/ 115	108
Shingles.....	M	a/	0	a/	0
Other sawed lumber.....	Bd ft	72	425	4	22
Total wood.....				2,416	2,895
Total forest products.....				2,423	2,908
Total value of shipments, including forest products				28,146	31,468
Total value of shipments, excluding forest products				25,723	28,560

Compiled from Monthly Summary of Foreign Commerce of the United States, June, 1929, Part 2.

- a/ Less than 500.
b/ Reported in value only.
c/ July-December.
d/ Classified as separate items.
e/ January-June.
f/ Includes other live animals, inedible.

BREAD GRAINS: Acreage, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 a/	Average 1909-1913	1926	1927	1928	1929	Per cent 1929 is of 1923
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Per cent
WHEAT						
Canada	9,945	22,896	22,460	24,119	25,251	104.7
United States	47,097	56,337	58,784	57,768	60,756	105.2
North America (3)	59,216	80,519	82,555	83,170	87,245	104.9
Europe, 19 coun. prev. reptd.	65,931	62,569	63,585	63,680	62,262	97.8
Austria, revised	635	500	505	514	514	100.0
Poland, revised	3,350	3,246	3,360	3,187	3,426	107.5
Total Europe (21)	69,916	66,315	67,450	67,381	66,202	98.3
Africa (4)	6,571	8,139	7,199	8,359	8,192	98.0
Asia (4)	31,877	33,789	34,585	35,314	34,995	99.1
Total N. Hemis. coun. (32)	167,580	188,812	191,789	194,224	196,634	101.2
Argentina	16,051	19,274	19,714	20,900	19,478	93.2
Australia	7,603	11,638	12,279	14,584	14,500	99.4
Total N. Hemis. & S. Hemis. (34)	191,234	219,774	223,782	229,708	230,612	100.4
Est. world total, excl. Russia and China	204,200	233,100	239,700	243,900		
RYE						
Canada	117	754	743	840	993	118.2
United States	2,236	3,578	3,648	3,439	3,284	95.5
Europe, 18 coun. prev. reptd.	29,433	24,638	24,411	24,257	24,688	101.8
Austria, revised	1,110	972	948	938	937	99.9
Poland, revised	12,127	14,053	14,244	13,197	14,662	111.1
Total Europe (20)	42,670	39,663	39,603	38,392	40,287	104.9
Total N. Hemis. coun. (22)	45,023	43,995	43,994	42,671	44,564	104.4
Argentina	85	544	894	1,194	1,280	107.2
Total N. Hemis. & S. Hemis. (23)	45,108	44,539	44,888	43,865	45,844	104.5
Est. world total, excl. Russia and China	48,300	47,600	48,000	46,700		

a/ Figures in parenthesis indicate the number of countries included.

GERMANY: Weight of wheat and rye per bushel, 1928 and 1929

Weight per bushel	Winter wheat		Weight per bushel	Winter rye	
	1928	1929		1928	1929
	Per cent	Per cent		Per cent	Per cent
Less than 57 lbs....	7	10	Less than 53 lbs ...	7	6
57-59 pounds	36	29	53-55 pounds	38	33
Over 59 pounds	57	61	Over 55 pounds	55	61

BREAD GRAINS: Production, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 a/	Average 1909-1913	1926	1927	1928	1929	Per cent 1929 is of 1928
WHEAT	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Per cent
Canada	197,119	407,136	479,665	566,726	293,792	51.8
United States.....	690,108	831,040	878,374	902,191	791,768	87.8
Mexico.....	b/ 11,481	10,333	11,890	11,031	11,492	104.2
Total (3).....	898,708	1,248,509	1,369,929	1,479,948	1,097,052	74.1
Europe, 18 coun. prev. reported	1,026,762	916,431	981,500	1,126,571	1,110,295	98.6
Sweden.....	8,103	12,153	15,835	19,155	18,739	97.8
Spain, revised.....	130,446	146,599	144,825	119,884	141,461	118.0
Rumania, revised....	b/ 158,672	110,883	96,734	115,544	92,113	79.7
Total Europe (21)...	1,323,983	1,186,066	1,238,894	1,381,154	1,362,608	98.7
Africa, 2 coun. prev. reported.....	41,385	36,595	36,590	42,427	33,150	75.8
Morocco, revised....	(17,000)	16,174	24,618	24,746	28,049	113.3
Total Africa (3)...	58,385	52,769	61,208	67,173	60,199	89.6
Asia, 3 coun. prev. reported.....	383,827	365,356	375,053	330,271	358,659	108.6
Syria, revised.....	(4,000)	13,940	14,582	6,490	14,499	223.4
Total Asia (4)...	387,827	379,296	389,635	336,761	373,158	110.8
Total above coun. (31)	2,668,903	2,366,640	3,059,666	3,265,036	2,893,017	88.6
Est. world total ex Russia and China.	3,401,000	3,426,000	3,661,000	3,900,000	3,400,000	87.2
RYE						
United States.....	36,093	40,795	58,164	41,676	41,028	94.4
Canada.....	2,094	12,179	14,951	14,618	14,292	97.8
Europe, 14 coun. prev. reported.....	839,113	645,434	687,517	805,182	787,758	97.8
Sweden.....	24,100	23,094	15,144	17,152	16,377	95.5
Spain, revised.....	27,636	23,504	26,515	14,413	25,590	177.5
Lithuania, revised..	24,283	13,810	21,188	18,717	21,946	117.3
Finland, revised....	10,490	11,908	12,892	10,999	13,129	119.4
Total Europe (18)	925,622	717,750	763,256	866,463	864,800	99.8
Total above coun. (20).....	963,809	770,724	836,371	922,757	920,120	99.7
Est. world total, ex Russia and China.	1,025,000	818,000	891,000	972,000		

a/ Figures in parenthesis indicate the number of countries included.

b/ Four-year average.

FEED GRAINS: Acreage, average 1909-1913, annual 1926-1929

Crop and countries reported in 1923 a/	Average 1909-1913	1926	1927	1928	1929	F. cent 1929 is of 1928
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Per cent
BARLEY						
United States	7,620	7,970	9,476	12,533	13,595	103.5
North America (2).....	9,194	11,617	12,982	17,414	19,494	111.9
Europe, 21 coun. prev. reptd. and unchanged.....	19,355	19,755	19,934	20,219	21,153	104.6
France, revised	1,987	1,706	1,747	1,756	1,853	105.5
Poland	3,048	2,750	2,761	2,856	2,863	100.2
Total Europe (23).....	24,390	24,211	24,492	24,831	25,869	104.2
Est. European total ex. Russia.....	27,000	26,900	27,100	27,400		
Africa (4)	7,863	8,245	6,769	7,628	7,810	99.8
Asia (3).....	5,115	5,217	5,138	5,343	5,252	98.3
Total N. Hemis. (32).....	46,562	49,290	49,431	55,416	58,425	105.4
Argentina	230	979	1,186	1,321	1,458	110.4
Total above coun. (33)...	46,792	50,269	50,617	56,737	59,883	105.5
Est. N. Hemis. total ex. Russia and China ...	64,200	64,000	62,300	68,700		
Est. world total ex. Russia and China ...	65,000	65,800	65,200	70,900		
OATS						
United States	37,357	44,177	41,941	41,734	40,222	96.4
North America (2).....	46,954	56,918	55,181	54,871	52,696	96.0
Europe, 17 coun. prev. reptd. and unchanged.....	23,156	22,349	21,686	21,860	22,142	101.3
France, revised	10,084	8,677	8,544	8,657	8,665	100.1
Austria	883	777	769	744	743	99.9
Rumania, revised	2,119	2,665	2,680	2,759	2,976	107.9
Poland	6,666	4,872	4,396	5,036	5,037	100.0
Total Europe (21).....	42,908	39,340	38,575	39,056	39,565	101.3
Est. European total ex. Russia	49,400	45,000	44,100	44,400		
Africa, 2 coun. prev. reptd. and unchanged.....	158	151	152	178	185	105.9
Algeria, revised	449	621	535	601	622	103.5
Total Africa (3).....	607	772	687	779	807	103.6
Syria and Lebanon	(12)	60	56	28	28	100.0
Total N. Hemis. (27).....	90,481	97,090	94,509	94,734	93,094	98.3
Argentina	2,396	3,171	3,160	3,608	3,706	102.7
Total above coun. (28)...	92,877	100,261	97,669	98,342	96,800	98.4
Est. N. Hemis. total ex. Russia and China...	97,700	103,600	100,900	100,900		
Est. world total ex. Russia and China ...	102,200	108,600	106,200	106,700		

a, Figures in parenthesis indicate the number of countries included.

FEED GRAINS: Acreage, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 a/	Average 1909-1913	1926	1927	1928	1929	Per cent 1929 is of 1928
CORN	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Per cent
United States	104,229	99,713	98,393	100,630	98,333	97.7
North America (2)...	104,538	99,923	98,525	100,769	98,482	97.7
Europe (7)	18,957	19,176	19,528	20,167	21,246	105.4
Est. European total						
ex. Russia	26,400	26,800	27,400	27,900		
Africa, 2 coun. prev. reported	271	71	56	66	69	104.5
Morocco	(438)	562	537	599	585	97.7
Kenya	(50)	178	177	216	245	113.4
Total Africa (4)...	759	811	760	881	839	102.0
Syria and Lebanon ...	100	187	158	40	40	100.0
Total N. Hemis. (14)...	124,354	120,097	118,971	121,357	120,667	99.6
Est. N. Hemis. total						
ex. Russia	150,400	149,000	148,600	151,700		
Est. world total ex. Russia	172,400	179,900	180,600	125,500		

FEED GRAINS: Production, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 a/	Average 1909-1913	1926	1927	1928	1929	Per cent 1929 is of 1928
CORN	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Per cent
United States	2,712,364	2,692,217	2,763,093	2,835,678	2,528,077	89.2
North America (2)...	2,729,661	2,700,030	2,767,355	2,840,919	2,533,834	89.2
Europe, 3 coun. prev. reptd. & unchanged..	219,599	257,344	160,200	126,942	287,546	224.1
Czechoslovakia, rev..	3,398	10,452	11,754	8,763	9,797	111.8
Hungary, revised	60,813	76,544	68,347	49,592	75,043	151.3
Yugoslavia, revised..	111,897	132,249	83,007	71,614	160,660	224.3
Total Europe (6)...	400,707	478,589	323,308	256,911	533,046	207.5
Est. European total						
excl. Russia	581,000	654,000	480,000	382,000		
Morocco	(3,500)	5,523	4,788	6,264	4,398	54.1
Algeria	598	222	241	261	169	64.8
Tunis	228	126	98	268	236	88.1
Total Africa (3)...	4,326	5,871	5,127	7,393	4,803	65.0
Lebanon Republic ...	(900)	472	512	433	651	127.3
Total N. Hemis. (12)...	3,135,594	3,184,962	3,096,302	3,105,656	3,072,234	98.9
Est. N. Hemis. total						
excl. Russia	3,693,000	3,801,000	3,670,000	3,667,000		
Est. world total excl. Russia	4,138,000	4,470,000	4,345,000	4,257,000		

a/ Figures in parenthesis indicate the number of countries included.

FEED GRAINS: Production, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 ^{a/}	Average 1909-1913	1926	1927	1928	1929	Per cent 1929 is of 1928
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Per cent
BARLEY						
United States	184,812	184,905	265,382	356,667	313,368	87.9
North America (2).....	230,087	284,892	362,820	493,058	419,569	85.1
Europe, 13 countries prev. reported and unchanged	409,687	339,909	358,011	425,974	389,622	91.5
Netherlands, revised ...	3,270	3,558	3,341	4,494	3,633	80.8
France	52,826	45,855	50,327	50,856	59,023	116.1
Spain, revised	74,689	96,284	92,220	88,855	96,454	116.4
Rumania, revised	61,677	77,388	57,950	69,401	117,170	168.8
Lithuania, revised	8,820	11,430	8,630	6,910	11,953	173.0
Estonia	6,201	6,038	4,335	4,211	5,358	127.2
Finland, revised	4,947	7,170	6,571	5,767	6,394	110.9
Total Europe (20).....	622,117	587,632	581,385	650,468	689,607	106.0
Est. European total excl. Russia	701,000	674,000	659,000	742,000		
Africa, 2 count. prev. reported & unchanged..	53,800	31,820	39,339	52,347	35,136	67.1
Morocco, revised	(38,000)	29,762	33,955	48,232	38,501	79.8
Total Africa (3).....	91,800	61,582	73,294	100,579	73,637	73.2
Asia, 2 count. prev. reported & unchanged ..	128,027	124,507	117,794	115,634	120,651	104.3
Syria and Lebanon, revised	(5,000)	10,588	15,325	13,706	17,839	130.2
Total Asia (3).....	133,027	135,095	133,119	129,340	138,490	107.1
Total N. Hemis (28)...	1,077,031	1,069,201	1,150,618	1,373,445	1,321,303	96.2
Est. N. Hemis. total excl. Russia and China	1,407,000	1,395,000	1,435,000	1,669,000		
Est. world total excl. Russia and China	1,425,000	1,442,000	1,480,000	1,716,000		

^{a/} Figures in parenthesis indicate the number of countries included.

GERMANY: Grain stocks in farmers' hands and stocks available for sale, September 15, 1928 and 1929

Crop	Stocks held by farmers		Stocks available for sale	
	Sept. 15, 1928	Sept. 15, 1929	Sept. 15, 1928	Sept. 15, 1929
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Winter wheat.....	113,584	87,924	95,650	72,015
Spring wheat	13,679	8,867	12,513	7,753
Winter rye	277,804	273,219	180,573	175,213
Spring barley ...	106,091	110,711	81,823	83,765

FEED GRAINS: Production, average 1909-1913, annual 1926-1929

Crop and countries reported in 1929 a/	Average 1909-1913	1926	1927	1928	1929	Percent 1929 is of 1926
OATS	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>Percent</u>
United States	1,143,407	1,246,848	1,182,594	1,448,677	1,226,573	84.7
North America (2)	1,495,097	1,630,264	1,622,307	1,900,830	1,511,161	79.5
Europe, 9 count. prev. rept'd and unchanged	943,370	788,727	781,394	871,799	875,810	100.5
Netherlands, revised	18,070	22,530	21,144	24,801	23,596	95.1
Luxemburg, revised	3,382	3,249	2,763	3,001	3,175	105.8
France	368,462	364,120	343,279	340,252	395,752	116.3
Spain, revised	29,110	37,688	39,216	34,782	37,892	108.9
Austria, revised	29,030	29,955	30,231	31,841	30,864	96.9
Czechoslovakia, revised	96,147	95,072	100,422	98,055	94,139	96.0
Rumania, revised	59,776	79,850	59,810	67,546	92,483	136.9
Lithuania, revised	22,910	30,182	16,741	18,377	29,869	162.5
Estonia	9,795	9,170	6,727	6,817	10,238	150.0
Finland, revised	20,391	40,835	43,609	39,255	40,248	102.5
Total Europe (19)	1,600,443	1,501,378	1,445,336	1,536,526	1,634,066	106.3
Est. European total excl. Russia	1,931,000	1,845,000	1,752,000	1,881,000		
Morocco	(500)	765	1,395	1,775	2,361	161.2
Algeria, revised	13,489	8,693	10,606	14,492	11,850	81.8
Tunis	3,642	2,136	1,481	2,239	3,376	150.8
Total Africa (3)	17,631	11,594	13,482	18,506	18,037	97.7
Lebanon Republic	(50)	52	52	41	62	151.2
Total N. Hemis. (25)	3,113,221	3,143,288	3,081,177	3,455,903	3,163,376	91.5
Est. N. Hemis. total excl. Russia and China	3,474,000	3,516,000	3,411,000	3,829,000		
Est. world total excl. Russia and China	3,581,000	3,621,000	3,505,000	3,936,000		

a/ Figures in parenthesis indicate the number of countries included.

URUGUAY: Number of Livestock, Census 1900, 1908, 1916, 1924; Estimate 1929

	CENSUS				Unofficial Estimate July, 1929 a/
	1900	1908	1916	1924	
Cattle	<u>1,000</u> 6,827	<u>1,000</u> 8,193	<u>1,000</u> 7,302	<u>1,000</u> 8,432	<u>1,000</u> 9,153
Sheep	18,609	26,286	11,473	14,143	19,358
Hogs	94	180	304	251	---
Goats	20	20	12	19	19
Horses	561	556	555	555	---
Mules and Asses	23	22	18	19	---

Consul C. Carrigan, Montevideo, September 20, 1929. Censuses 1900 to 1924 checked to Official Sources. a/ Average of estimate made by the three packing plants, i.e.: Artigas (Armour), Swift Plant, and Anglo-Uruguaya, in July, 1929.

FEED GRAINS: Weekly average prices of corn, oats and barley
at leading markets a/

Week ended	Corn								Oats		Barley	
	Chicago				Buenos Aires				Chicago		Minneapolis	
	No. 3		Futures		Futures		Futures		No. 3		No. 2	
	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929	1928	1929
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
			Sept.	Sept.	Aug.	Aug.	Sept.	Sept.				
July 19...	106	100	98	103	88	93	86	94	60	48	83	72
26....	106	104	95	104	87	92	86	93	52	48	80	70
Aug. 2....	108	104	98	106	88	92	86	93	42	48	74	69
9....	101	100	94	101	87	88	86	88	89	45	70	64
						Sept.		Oct.				
16....	98	102	88	101	83	88	88	89	37	43	62	61
					Sept.		Oct.					
23....	101	102	90	103	83	88	83	90	37	43	63	58
30....	102	101	94	102	83	87	83	88	39	42	64	56
Sept. 6....	100	102	94	104	86	89	86	90	39	46	64	58
			Dec.	Dec.			Oct.	Feb.				
13....	102	103	76	101	86	90	86	95	41	49	61	65
					Oct.		Dec.					
20....	105	102	77	99	86	89	86	93	42	49	63	64
27....	97	98	78	97	89	87	89	90	41	49	65	60
Oct. 4....	95	98	80	97	92	86	92	90	42	50	64	61
11....	102	99	82	96	Nov.	Nov.	95	91	42	48	64	61
					95	89						

a/ Cash prices are daily weighted averages of reported sales; future prices are simple averages of daily quotations.

FEED GRAINS: Movement from principal exporting countries

Item	Net exports for year		Shipments 1929, week ended a/			Net movement as far as reported		
	1927-28	1928-29	Sept. 28	Oct. 5	Oct. 12	July 1 to and incl.	1928-29	1929-30
BARLEY, EXPORTS:	1,000	1,000	1,000	1,000	1,000		1,000	1,000
Year beginning July 1	bushels	bushels	bushels	bushels	bushels		bushels	bushels
United States	36,530	56,996	326	283	237	Oct. 12	28,424	13,703
Canada	25,128	38,668				Sept. 30	5,036	4,228
Argentina	11,598	b/ 8,458	b/ 117			Sept. 28	b/ 108	b/ 2,517
Danubian coun- tries b/.....	27,242	19,403	1,850			Sept. 28	8,333	16,033
Total	100,548	123,530					42,011	36,481
OATS, EXPORTS:								
Year beginning July 1								
United States	9,621	16,302	419	729	9	Oct. 12	12,388	3,451
Canada	7,424	19,532				Sept. 30	9,360	2,230
Argentina	28,751	b/ 24,102	b/ 68			Sept. 28	b/ 556	3,490
Danubian coun- tries b/.....	878	49	0			Sept. 28	0	0
Total	46,674	59,935					22,304	9,171
	Net exports, for year		Weekly a/ shipments, 1929, week ended				Total for season including latest week shown	
	1926-27	1927-28	Sept. 21	Sept. 28	Oct. 5	Oct. 12	1927-28	1928-29
CORN, EXPORTS:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Year beginning November 1	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
United States	17,145	20,556	207	97	172	102	20,639	40,978
Danubian coun- tries b/.....	36,557	15,266	0	0			15,197	214
Argentina	322,876	268,685	b/ 4,110	b/ 3,930	b/ 5,963	b/ 4,054	255,050	b/ 202,172
Union of South Africa	8,562	23,809	c/ 771	c/ 1,457			c/ 21,600	c/ 17,057
IMPORTS:								
Year beginning November 1							Nov.-Aug.	Nov.-Aug.
United States	5,042	1,436					1,334	264
Total exports less U. S. imports	380,098	326,880					311,152	260,157

Compiled from official and trade sources. a/ The weeks shown in these columns are nearest to the date shown. b/ Trade sources. c/ Unofficial reports of exports to Europe for South and East Africa.

SUGAR BEETS: World acreage, average 1909-1913, annual 1926-1929

Country <u>a/</u>	Average 1909- 1913	1926	1927	1928	1929	Per cent 1929 is of 1928
NORTH AMERICA	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Per cent</u>
Canada	16,724	46,988	44,103	51,294	43,464	84.7
United States	485,495	677,000	721,000	644,000	<u>b/</u> 710,000	110.2
Total N. America..	502,219	723,988	765,103	695,294	753,464	108.4
EUROPE						
Coun. prev. reptd. (19)						
<u>c/</u>	4,880,388	4,885,576	5,564,385	5,811,267	5,645,880	97.2
England and Wales...	1,816	125,814	222,566	175,736	229,900	130.8
Poland.....	431,406	457,184	499,305	578,938	604,400	104.4
Switzerland.....	<u>d/</u> 1,645	3,655	4,077	4,000	3,000	75.0
Total Europe (22) ..	5,315,255	5,472,229	6,290,333	6,569,941	6,483,180	98.7
Total above coun, (24)	5,817,474	6,196,217	7,055,436	7,265,235	7,236,644	99.6
Australia.....	<u>b/</u> 816	2,024	2,800			
World total.....	5,818,290	6,198,241	7,058,236	7,268,035	7,239,444	99.6

Official sources and International Institute of Agriculture.

a/ Figures in parenthesis indicate the number of countries included.b/ Acreage for harvest.c/ See Foreign Crops and Markets, July 15, 1929, p. 120, August 19, 1929, page 341, and September 23, 1929, page 515.d/ Two year average.e/ Four year average.

SUGAR BEETS: Production in countries reporting for 1929

Country	Average 1909- 1913	1926	1927	1928	1929	P.ct. 1929 is of 1928
	<u>Short tons</u>	<u>Short tons</u>	<u>Short tons</u>	<u>Short tons</u>	<u>Short tons</u>	<u>P.ct.</u>
3 countries prev. reported <u>a/</u>	1,875,613	2,158,882	2,507,887	2,260,843	2,045,000	90.5
Canada	159,600	525,000	391,000	433,000	350,000	80.8
United States, rev...	4,860,200	7,223,000	7,753,000	7,101,000	8,228,000	115.9
Netherlands, rev....	1,977,417	2,326,784	2,012,909	2,523,200	1,896,000	75.1
Hungary, revised...	1,512,717	1,592,402	1,604,311	1,584,877	1,579,386	99.7
Sweden.....	1,036,226	156,575	1,094,747	1,208,123	726,000	60.1
Total above coun..	11,421,773	13,982,643	15,363,854	15,111,043	14,824,386	98.1
World total <u>b/</u>	61,577,897	58,957,130	67,623,751	65,057,626		

Official sources and International Institute of Agriculture.

a/ See Foreign Crops and Markets, September 23, page 515.b/ Exclusive of production in minor producing countries for which no data are available.

Receipts of Meat at London Central Markets,
January-September, 1928, 1929.

SOURCE	Jan. - Sept.	
	1928 1,000 pounds	1929 1,000 pounds
<u>Beef and Veal</u>		
Britain and Ireland	69,556	69,713
Argentina	295,268	295,695
Uruguay	29,576	32,997
Australia	9,675	10,223
New Zealand	3,125	2,731
Canada	137	96
United States	1,348	1,725
Other	- -	- -
Total	408,785	413,181
<u>Mutton and Lamb</u>		
Britain and Ireland	54,837	50,792
New Zealand	123,487	110,936
Argentina	42,170	52,642
Australia	8,953	19,233
Uruguay	7,269	4,166
Other	247	280
Total	236,963	238,049
<u>Bacon and Pork a/</u>		
Britain and Ireland	51,993	44,787
Netherlands b/	8,263	10,741
United States	2,236	1,658
New Zealand	1,823	4,079
Argentina	1,263	1,691
Other	4,646	3,415
Total	70,224	66,371

London Central Market Report, Sept. 30, 1929.

a/ As Denmark is not listed separately, it is assumed that very little, if any, of the large quantity imported from that country enters this market.

b/ Bacon only.

GRAINS: Exports from the United States, July 1-October 12, 1928 and 1929
 PORK: Exports from the United States, January 1-October 12, 1928 and 1929

Commodity	July 1-Oct. 12		1929, week ending			
	1928	1929	Sept. 21	Sept. 28	Oct. 5	Oct. 12
GRAINS:	1,000	1,000	1,000	1,000	1,000	1,000
	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>
Wheat a/.....	41,117	35,475	3,087	1,377	1,829	2,054
Wheat flour b/.....	14,659	16,116	1,250	1,269	954	742
Rye.....	4,453	1,172	26	19	229	1
Corn.....	2,668	2,372	207	97	172	102
Oats.....	5,806	2,614	187	419	729	9
Barley a/.....	30,843	13,704	2,933	325	283	237
	Jan. 1-Oct. 12					
PORK:	1,000	1,000	1,000	1,000	1,000	1,000
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Hams & shoulders, incl.						
Wiltshire sides.....	105,109	102,712	1,192	1,323	1,291	1,576
Bacon, incl. Cumberland						
sides.....	102,555	113,662	1,631	2,027	1,979	1,710
Lard.....	569,109	606,555	13,072	9,775	14,758	6,511
Pickled pork.....	25,907	31,970	487	376	386	242

Compiled from official records, Bureau of Foreign and Domestic Commerce. a/ Included this week: Pacific ports, wheat 714,000 bush., flour 50,000 bbls; San Francisco barley 180,000 bush., rice none. b/ Includes milled in bond from Canadian wheat, in terms of wheat.

WHEAT, INCLUDING FLOUR: Shipments from principal exporting countries

Country	Total shipments or exports		Shipments, week ending			Net movement from July as far as reported		
	1927-28	1928-29	Sept. 28	Oct. 5	Oct. 12	To & Including Date	1928-29	1929-30
	<u>bushels</u>	<u>a/ bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>		<u>bushels</u>	<u>bushels</u>
Canada:								
Shipments, 4								
markets b/	333,335	458,649	6,056	6,313	9,797	Oct. 12	126,985	59,534
United States..	206,259	165,687	2,646	2,793	2,797	" "	51,819	50,017
Argentina.....	173,135	217,903	3,760	5,282	4,720	" "	27,923	70,364
Australia.....	72,962	113,285	608	616	304	" "	12,911	16,324
Russia.....	5,408	8	0	0	0	" "	8	7
Danube & Bul. c/	32,847	33,642	1,176	992	752	" "	832	5,710
British India..	15,668	21,739	0	0	0	" "	2,517	d/- 505
Total.....	844,614	965,335	13,246	15,996	18,370		222,995	201,425

Compiled from official and trade sources.

a/ Preliminary.

b/ Shipments from Ft. William, Port Arthur, Vancouver and Prince Rupert.

c/ Yugoslavia, Hungary, Rumania and Bulgaria.

d/ Not imports.

BUTTER: Prices in London, Berlin, Copenhagen and New York, in cents per pound (Foreign prices by weekly cable)

Market and item	Oct. 18, 1928	Oct. 10, 1929	Oct. 17, 1929
	Cents	Cents	Cents
New York, 92 score	47.00	45.75	43.25
Copenhagen, official quotation	38.29	40.36	40.36
Berlin, 1a quality	39.98	39.98	39.98
London: <u>a/</u>			
Danish	40.84	42.80	43.02
Dutch, unsalted	40.52	42.58	42.36
New Zealand	39.11	39.43	39.32
New Zealand, unsalted	40.84	40.84	41.28
Australian	36.28	38.67	38.56
Australian, unsalted	40.41	41.06	40.84
Argentine, unsalted	35.63	37.37	37.37
Siberian	34.33	36.93	36.93

Quotations converted at par of exchange. a/ Quotations of following day.

EUROPEAN LIVESTOCK AND MEAT MARKETS
(By weekly cable)

Market and item	Unit	Week ended		
		Oct. 17, 1928	Oct. 9, 1929	Oct. 16, 1929
GERMANY:				
Receipts of hogs, 14 markets . . .	Number	75,467	65,550	66,765
Prices of hogs, Berlin	\$ per 100 lbs.	16.59	13.69	12.75
Price of lard, etc., Hamburg . . .	"	14.88	13.70	13.29
UNITED KINGDOM:				
Hogs, certain markets, England . .	Number	17,847	17,316	15,017
Prices at Liverpool:				
Prime steam western lard <u>a/</u> . . .	\$ per 100 lbs.	14.01	12.84	12.62
American short cut green hams. . .	"	24.55	23.03	22.51
American green bellies	"	20.42	18.68	13.68
Danish Wiltshire sides	"	22.16	24.33	24.55
Canadian green sides	"	<u>b/</u>	<u>b/</u>	<u>b/</u>

a/ Friday quotations. b/ No quotation.

Index

	Page		
Crop and Market Prospects	628	Meat:	
---		Exports (pork) U.S. by weeks, 1929	668
AGRICULTURAL PRODUCTS: U.S. TRADE		Prices, (pork) foreign markets,	
WITH ALASKA, HAWAII AND PORTO		1929	627, 669
RICO, 1928-1929	639	Receipts, London Central markets,	
Barley:		January-September, 1929.....	636, 667
Area, world, av. 1909-13,		Oats:	
annual 1926-29.....	660	Area, world, av. 1909-13,	
Production, world, av. 1909-13,		annual 1926-29	660
annual 1926-29	633, 662	Production, world, av. 1909-13,	
Receipts and shipments, Canada,		annual 1926-29	634, 663
October 11, 1929	633	Receipts and shipments, Canada,	
Butter:		October 11, 1929	634
Prices, foreign markets,		Rye:	
1929	669	Area, world, av. 1909-13,	
Shipments, New Zealand and		annual 1926-29	658
Australia, Oct. 12, 1929	637	Production, world, av. 1909-13,	
Cotton:		annual 1926-29	632, 659
Production, China, 1929	627	Sugar beets, area and production,	
Situation, Europe, Sept. 1929....	635	world, av. 1909-13, an. 1926-29...	666
Corn:		Tobacco, production, Algeria,	
Area, world, av. 1909-13,		1929	635
annual 1926-29	661	Wheat:	
Production, world, av. 1909-13,		Area, world, av. 1909-13,	
annual 1926-29	634, 661	annual 1926-29	628, 658
Farm relief, Egypt, effective		Exports, U.S. Oct. 12, 1929	629
September 9, 1929	638	Flour market Dairen	632
Grain:		Growing conditions:	
Exports U.S. by weeks, 1929	662	Europe, October 17, 1929	628
Market conditions, Europe,		Southern Hemisphere, Oct. 14, 1929	629
October 16, 1929	630	Prices, U.S. Oct 17, 1929	630
Movement (feed) principal		Production, world, av. 1909-13,	
countries, Oct. 12, 1929	665	annual 1926-29	628, 659
Prices (feed) principal		Receipts and shipments, Canada,	
markets, Oct. 11, 1929	664	October 11, 1929	629
Procurement, Russia,		Shipments principal countries,	
July-Sept., 1929	629	October 12, 1929	668
Stocks, Germany,		Wool:	
September 15, 1929	662	Market conditions, Bradford,	
Livestock, numbers, Uruguay,		October 13, 1929	627
1929	636, 663	Production, Argentine, 1929	637

mills. Business is still handicapped, however, by the wages reduction dispute and there is a possibility of a stoppage affecting the entire industry.

